

No. 640,073.

Patented Dec. 26, 1899.

V. D. ANDERSON.
FLOAT.

(Application filed Oct. 11, 1899.)

(No Model.)

Fig. 1.

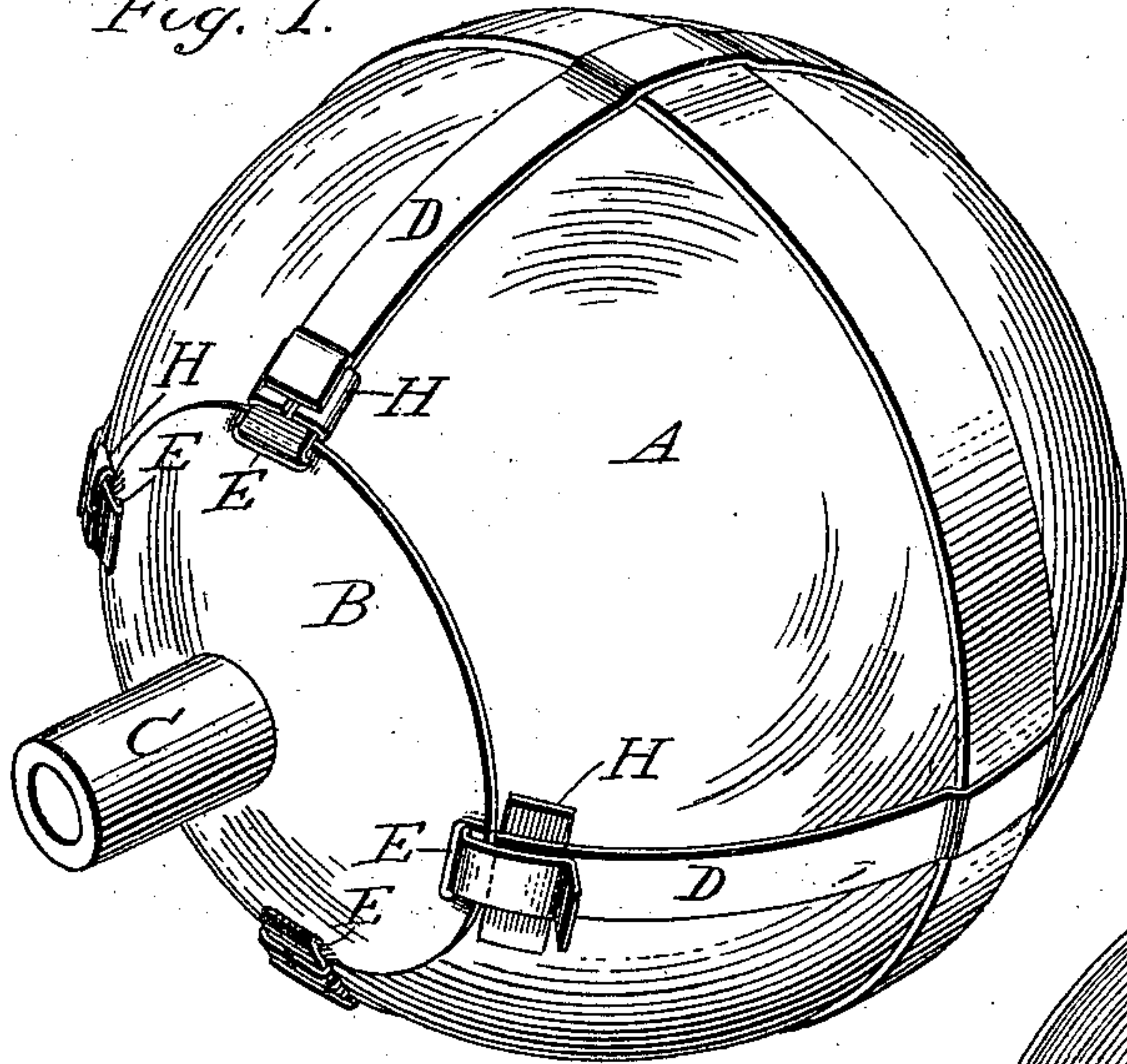


Fig. 5.

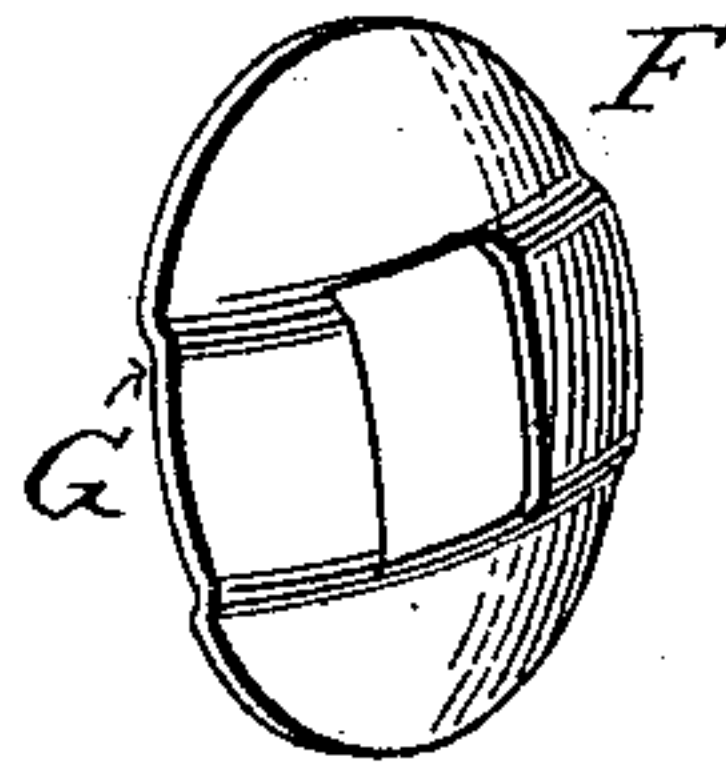


Fig. 3.

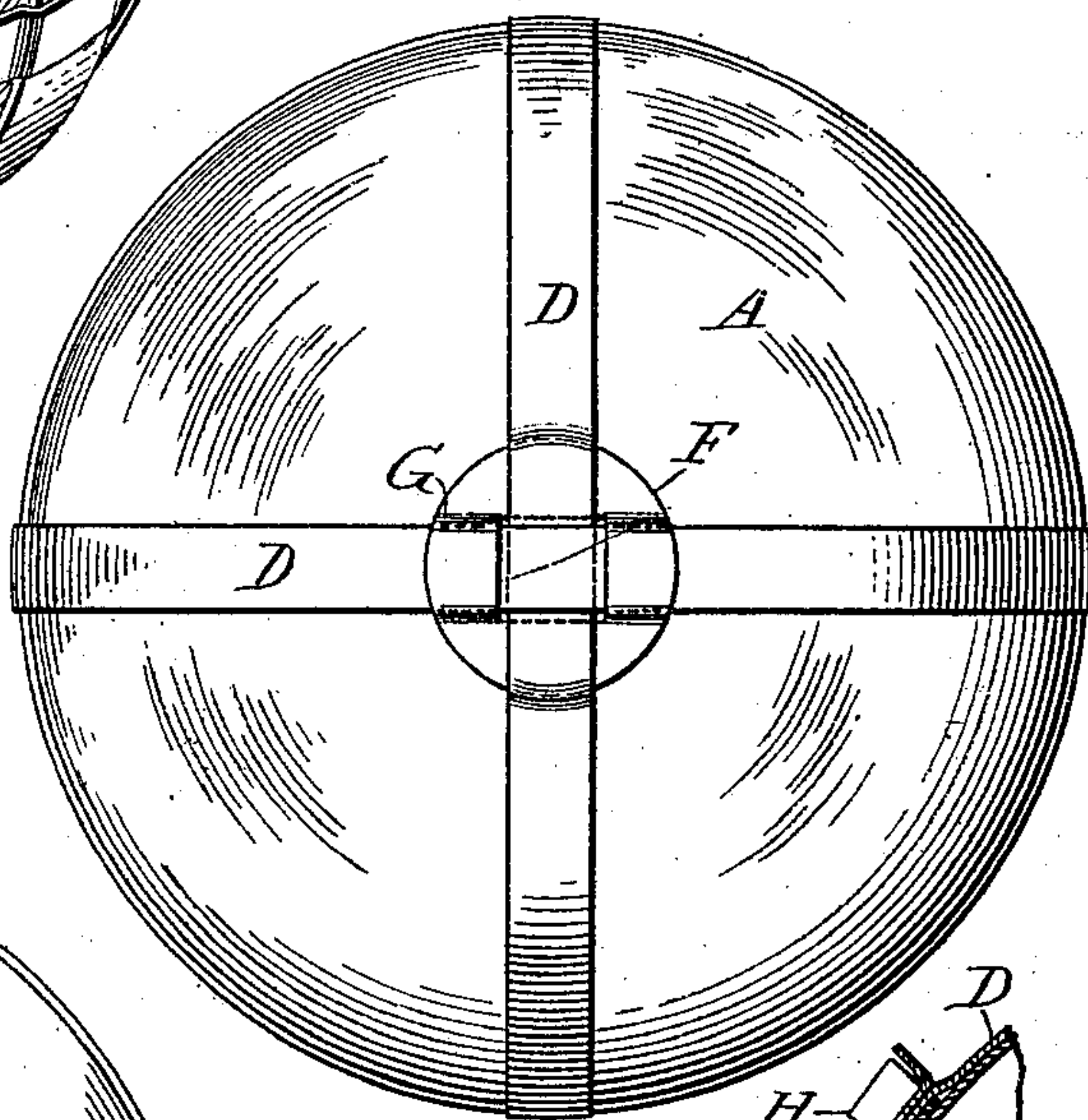


Fig. 2.

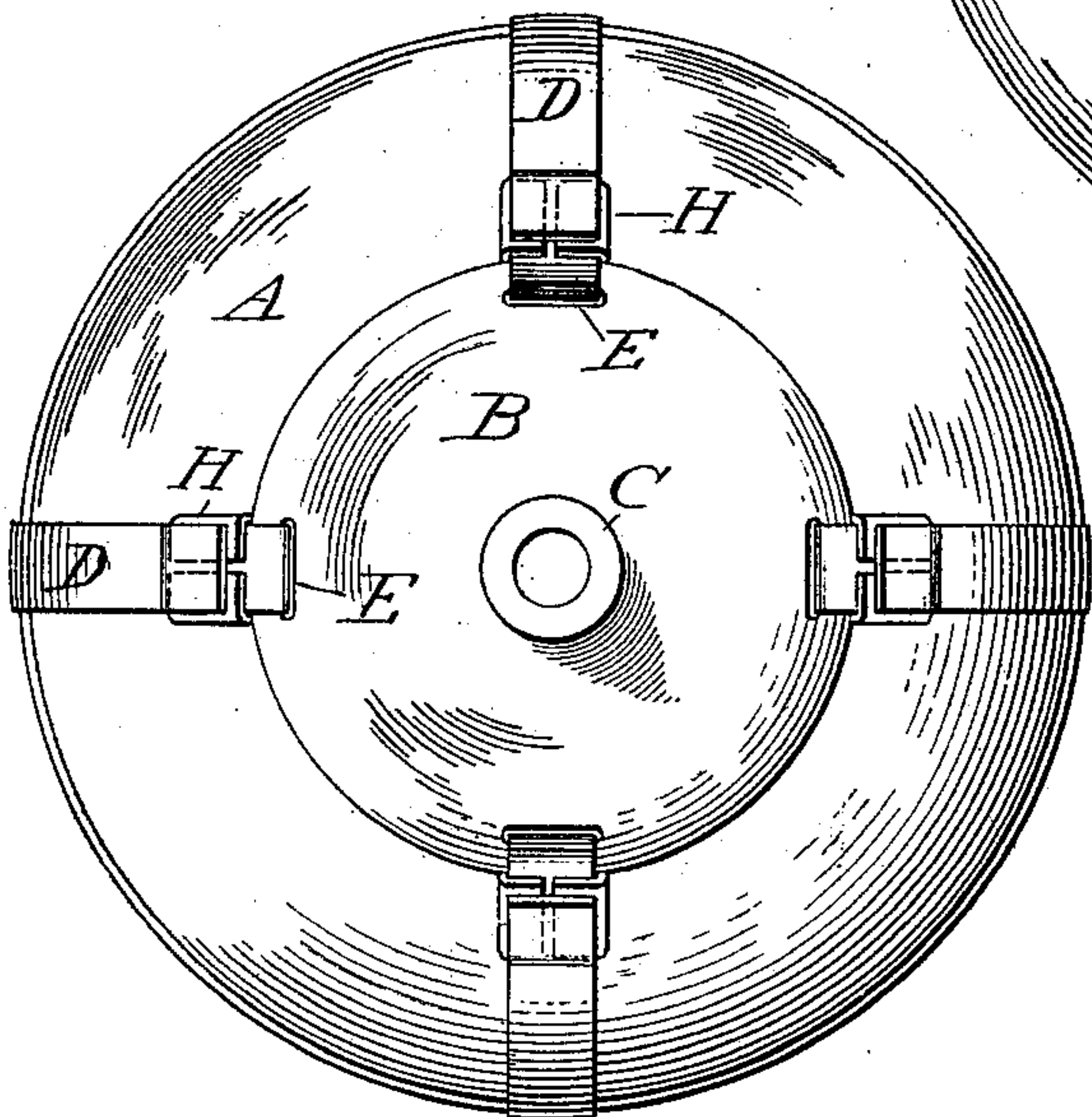
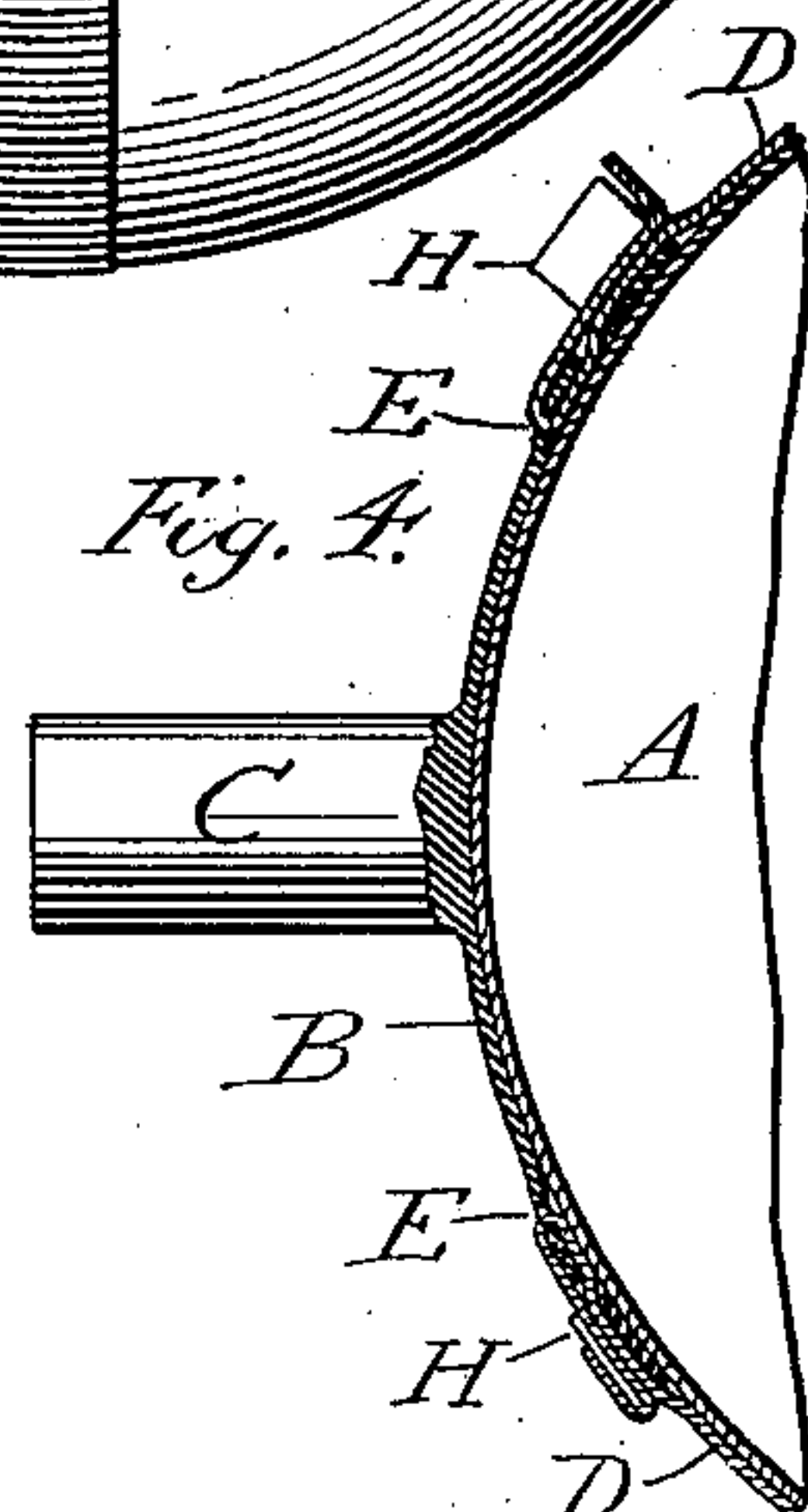


Fig. 4.



Witnesses
W. B. Burdick
J. E. Burdick

Inventor
Valerius D. Anderson,
by Dodge and Sons,
Attorneys

UNITED STATES PATENT OFFICE.

VALERIUS D. ANDERSON, OF CLEVELAND, OHIO.

FLOAT.

SPECIFICATION forming part of Letters Patent No. 640,073, dated December 26, 1899.

Application filed October 11, 1899. Serial No. 733,318. (No model.)

To all whom it may concern:

Be it known that I, VALERIUS D. ANDERSON, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Floats, of which the following is a specification.

My present invention pertains to floats, and has reference more particularly to the means employed for connecting the float to the operating stem or arm, as will be hereinafter pointed out.

In the accompanying drawings, Figure 1 is a perspective view of the float; Fig. 2, a front face view; Fig. 3, a rear face view; Fig. 4, a detail sectional view, and Fig. 5 a face view of the locking washer or disk.

The object of my invention is to provide such a connection between the body of the float and the operating arm or lever as will do away with all possibility of leakage, which commonly occurs where the attaching-stud is connected to the float-body.

In the drawings, A indicates the body of the float, made in accordance with the method set forth in Letters Patent of the United States granted to me under date of June 4, 1895, and numbered 540,416. Instead of attaching the connecting-stud directly to the body of the float, as indicated in said patent, or in a similar manner I inclose the float within a basket or cage, as shown. Said cage consists of a disk B, having connected to or formed integral therewith an attaching-stud C and two straps or bands D D, which are passed about the float and have their ends connected to the disk B. The disk B, as will be seen upon reference to Figs. 1 and 4, is dished or curved to conform to the curvature of the float and is likewise provided with four slots E near its periphery. The bands or straps D are first locked together at their mid-length by a washer F, Figs. 3 and 5, said washer being provided with a rectangular opening and preferably indented or pressed out, as at G, to permit it and the straps to make close contact with the float. After the straps are thus locked together their free ends are passed through slots E and bent

back upon themselves. A short section or strip H is then passed under the strap and bent down over the folded portion thereof, after which the extreme end of the strap is bent back over the ends of the locking-strip H, thereby securely locking and holding the parts together.

It will be noted that there are no soldered joints, rivets, or the like employed in the construction set forth.

In practice the straps or bands are made of copper, as said metal is easily worked and does not corrode.

Manifestly any form of float other than that shown in my before-mentioned patent may be employed in connection with the attaching means herein described.

Having thus described my invention, what I claim is—

1. In combination with a float, a disk B provided with slots near its periphery; a washer; and straps or bands D passing about the float interlocking with the washer and connected at their ends to the disk by passing through the slots therein, substantially as described.

2. In combination with a float, a disk B provided with a protruding stem or nipple; a washer F provided with a rectangular opening; bands D connected intermediate their ends to the washer; and connections between the ends of said bands and the disk, substantially as described.

3. In combination with a float, a disk B provided with slots near its periphery; a washer F; bands or straps D connected intermediate their ends to said washer, the ends of said bands being passed through the slots and bent back and forth upon themselves, substantially as described; and locking-strips H surrounding and embracing the two lowermost layers of the band adjacent to the disk B.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

VALERIUS D. ANDERSON.

Witnesses:

CHARLES W. TOLAND,
H. G. SCHAIPLY.